PRECAUTIONS:

CAUTION! Risk of electrical shock. To prevent electric shock, do not remove screws or cover.

Do not attempt to disassemble camera. There are no user serviceable parts inside. Service should be performed by a qualified Q-See technician only.

Handle camera with care. Do not hit, shake, puncture or drop the camera as this could damage it and prevent proper operation.

Avoid excessive moisture within camera or adapters. Do not use strong or abrasive detergents when cleaning camera body. Clean with dry cloth or mild detergent, wiping gently.

Do not use camera beyond prescribed voltage range. Only use included power supply. Ensure power input source conforms to local voltage. Voltage outside of range could cause damage or abnormal performance.

Avoid strong light. Do not aim camera at sun or aim strong light directly into the lens as it will degrade image quality and could cause damage.

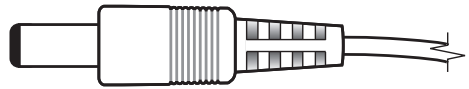
FEATURES:

This CCTV Color Camera introduces advanced CCD technology offering you better quality and better resolution images day or night. The sensitivity, smear, dynamic range and signal-to-noise range have been greatly enhanced.

- The automatic white balance function enables the camera to produce realistic and natural colors indoors or outdoors under a variety of lighting conditions.
- Six large infrared LEDs surrounding the lens provide up to 60 feet of black and white night vision.
- Rust-proof aluminum alloy housing and stand.
- Housing sealed against dust and low-pressure water.
- Built-in internal heater and blower to keep the camera operating in extreme temperatures.
- Suitable for indoor and outdoor use including wet weather.
- High-resolution 1/4" CCD image sensor delivers 420 TV lines horizontal image resolution.
- The high-performance digital processing chip improves the signal-to-noise ratio while reducing distortion.
- The flexible 3-axis stand is designed to enhance camera positioning while minimizing vandalism of the cable.
- One-year product warranty, free lifetime technical support.

TO CONNECT:

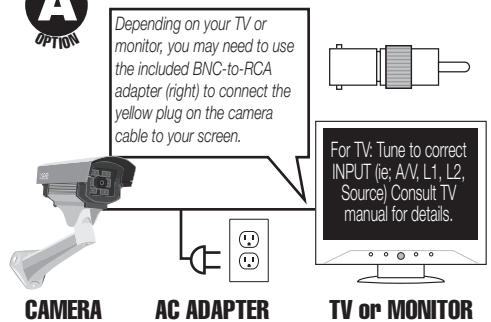
IMPORTANT! When connecting the 60' cable between the camera and the DVR, the "male" power end (red plug) connects to the matching power cable on the camera.



Male power connector

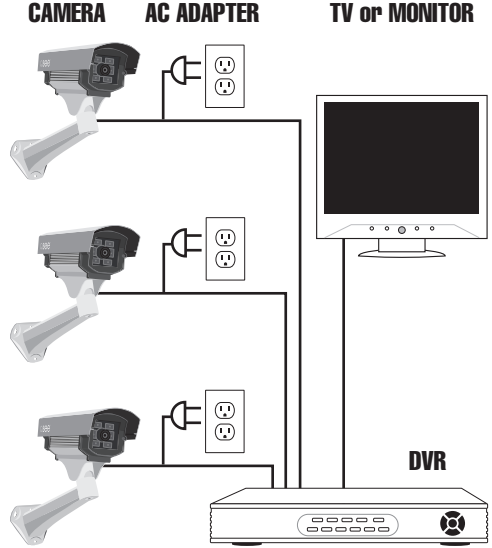
CONNECTION A OPTION

One camera to one monitor.


Depending on your TV or monitor, you may need to use the included BNC-to-RCA adapter (right) to connect the yellow plug on the camera cable to your screen.
For TV: Tune to correct INPUT (ie; A/V, L1, L2, Source) Consult TV manual for details.
CAMERA
AC ADAPTER
TV or MONITOR

CONNECTION B OPTION

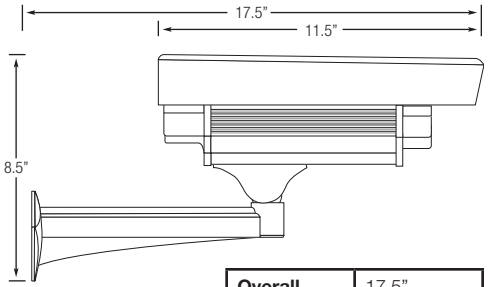
Multiple cameras to single monitor system.

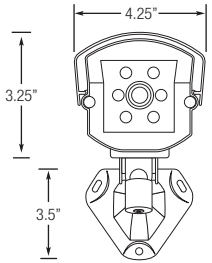


SPECIFICATIONS:

Image Sensor	Color 1/4" Sony CCD
Effective Pixels	NTSC:510(H)x492(V) PAL:500(H)x582(V)
Horizontal Resolution	420TVL
Sync System	Internal
Scanning System	Interlace 2:1
Electronic Shutter	NTSC: 1/60s~1/100000s PAL: 1/50s~1/100000s
White Balance	Auto
Gamma	0.45
Signal/Noise Ratio	1.0Vp-p 75Ω, BNC connection
Usable Illumination	0Lux (When IR LEDs are on)
Waterproof Level	IP65
IR LED's Amount	6 pieces large LED
IR LEDs Wavelength	850nm
IR LEDs Distance	<60ft (18m)
IR LEDs Auto ON/OFF	Day/Night
AGC	Auto
BLC	Auto
Lens	Fixed 8mm
Power Supply	DC12V 2A
Power Consumption	<24W (When IR LEDs are on)
Operating Temp	-22°F to 140°F (-30°C to 60°C) 95% Max Humidity

DIMENSIONS:





Overall Length	17.5" (44.45mm)
Width	4.25" (10.79cm)
Overall Height	8.5" (21.6cm)
Mount Dimensions	4"x3.5" 10cmx8.9cm
Weight w/ mount	3.2 lbs. (14.55kg)

LEGAL:

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Disclaimer: The information in this document is subject to change without notice. The manufacturer makes no representations or warranties, either express or implied, of any kind with respect to completeness of its contents.

Manufacture shall not be liable for any damages whatsoever from misuse of this product.

DISPOSAL:

If the camera no longer functions or can no longer be repaired, it must be disposed of according to regulations regarding electronic waste. By not disposing of electronic items in household waste you will not only be following the law, but contributing to the protection of the environment.

Digital Peripheral Solutions, Inc.
8015 E. Crystal Dr., Anaheim, CA 92807
1-877-998-3440 • www.q-see.com

Q-See Tech Support (USA)
FAQ, videos, guides 24/7 & live chat (M-F 9-5pm PST)
at www.q-see.com • **e-mail:** ts@dpsi-usa.com

Q-see®
simplicity - quality - technology

User Manual

Model QSDS148DH

Weatherproof CCD Color Camera Kit